

Response to Office Action of October 5, 2005
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AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application. Please amend the claims as indicated below.

Listing of Claims:

1-24. (canceled)

25. (currently amended) A method for demetallizing a web to make a singular functional feature of a product unit, the singular functional feature having a desired feature thickness and composed of structures formed on each side of the web, the method comprising:

applying a first etch-resistant pattern to a first metal-containing layer of the web, the first metal-containing layer being disposed on a first surface of a substrate of the web, the first metal-containing layer being about one-half of a desired feature thickness, wherein at least a portion of the first pattern substantially defines a first part of the functional feature of the product unit;

applying a second etch-resistant pattern to a second metal-containing layer of the web, the second metal-containing layer being disposed on a second surface of the substrate opposite the first surface, the second metal-containing layer being about one-half of the desired feature thickness, wherein at least a portion of the second pattern substantially defines a second part of the functional feature of the product unit;

exposing both sides of the web to a liquid etchant to effect removal of metal-containing material from areas of the web not protected by the first and second etch-resistant patterns; and
washing the etchant from the web.

26. (original) The method of claim 25 wherein the exposing step comprises continuously passing the web in an immersed condition through a bath of liquid etchant.

27. (original) The method of claim 25 wherein the exposing step comprises exposing the web to sprays of liquid etchant.

28. (currently amended) A method of effecting selective demetallization of a web